

EXPRESS MAIL NO. EV 727733600 US

PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
Application Number				09/903,081	
Filing Date				July 10, 2001	
First Named Inventor				DEMARAY, Richard	
Art Unit				1731	
Examiner Name				HOFFMAN, John M.	
Attorney Docket Number				9140.0014-00000	
Sheet 1 of 7	1	of	7		

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Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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EXAMINER: Initial references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

4-19-06

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(Use as many sheets as necessary)

Sheet

2

of

7

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Sheet 3 of 7

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Sheet	4	of	7	Attorney Docket Number	8140.0014-00000

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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
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Sheet

5

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7

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IDS Form PTO/SB/08: Substitute for form 1448/PTO

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Sheet

6

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7

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7

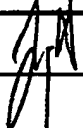

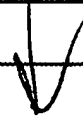
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JH		US-3,309,302	03-14-1967	Heil	
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		US 2003/0178637 A1	09-25-2003	Chen et al.	

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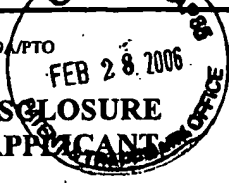
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JH		WO 2004/106581 A2	12-09-2004	Symmorphix, Inc.		
JH		WO 2004/106582 A2	12-09-2004	Symmorphix, Inc.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
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Examiner Signature	/John Hoffmann/ (04/19/2006)	Date Considered	
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IDS Form PTO/SB/08: Substitute for form 1449 /PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number		09/903,081	
		Filing Date		July 10, 2001	
		First Named Inventor		DEMARAY, Richard E.	
		Art Unit		1731	
		Examiner Name		HOFFMAN, John M.	
Attorney Docket Number		9140.0014-00			
Sheet	2	of	3		

NON PATENT LITERATURE DOCUMENTS			
JH		Final Office Action issued on December 14, 2005 in U.S. Application No. 10/291,179 (Attorney Docket No. 09140.0001-00).	
		PCT Invitation to Pay Additional Fees for PCT/US01/22750, dated March 13, 2002 (Attorney Docket No. 09140.0002-00304).	
		PCT International Search Report for PCT/US01/22750, dated July 19, 2002 (Attorney Docket No. 09140.0002-00304).	
		PCT Written Opinion for PCT/US01/22750, dated July 23, 2002 (Attorney Docket No. 09140.0002-00304).	
		PCT International Preliminary Examination Report for PCT/US01/22750, dated October 8, 2002 (Attorney Docket No. 09140.0002-00304).	
		Office Action issued September 21, 2005 in U.S. Application No. 11/100,856 (Attorney Docket No. 09140.0015-01).	
		Response to Office Action filed December 5, 2005, in U.S. Application No. 10/101,863 (Attorney Docket No. 09140.0016-00).	
		Final Office Action issued on February 14, 2006, in U.S. Application No. 10/101,863 (Attorney Docket No. 09140.0016-00).	
		Response to Office Action filed February 24, 2006, in U.S. Application No. 10/101,863 (Attorney Docket No. 09140.0016-00).	
		Response to Office Action filed on July 25, 2005 in Application No. 10/954,182 (Attorney Docket No. 09140.0016-01).	
		Office Action issued on October 25, 2005, in U.S. Appl. No. 10/954,182 (Attorney Docket No. 09140-0016-01000).	
		Response to Office Action filed on December 21, 2005 in Application No. 10/954,182 (Attorney Docket No. 09140.0016-01).	
		Response to Office Action filed on November 8, 2005, in U.S. Application No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
		Office Action issued on February 13, 2006, in U.S. Application No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
		Office Action issued on October 3, 2005 in U.S. Application No. 10/650,461 (Attorney Docket No. 09140-0025-00).	
		Response to Office Action filed on January 3, 2006 in U.S. Application No. 10/650,461 (Attorney Docket No. 09140-0025-00).	
		International Preliminary Examination Report mailed April 15, 2004 in PCT/US03/24809 (Attorney Docket No. 09140-0025-00304).	
JH		Office Action issued on December 2, 2005 in U.S. Application No. 10/789,953 (Attorney Docket No. 09140.0030-00).	

Examiner Signature	/John Hoffmann/ (04/19/2006)	Date Considered	
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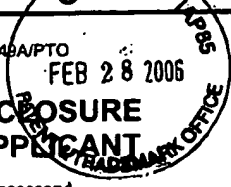
IDS Form PTO/SB/08: Substitute for form 1449A PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		<i>Application Number</i>	09/903,081
		<i>Filing Date</i>	July 10, 2001
		<i>First Named Inventor</i>	DEMARAY, Richard E.
		<i>Art Unit</i>	1731
		<i>Examiner Name</i>	HOFFMAN, John M.
		<i>Attorney Docket Number</i>	9140.0014-00
Sheet	3	of	3

NON PATENT LITERATURE DOCUMENTS			
JH		Specification and Preliminary Amendment as filed for U.S. Appl. No. 11/297,057 (Attorney Docket No. 09140.0030-01).	
		Office Action issued on March 24, 2005 in U.S. Application No. 10/851,542 (Attorney Docket No. 09140.0033-00).	
		Response to Office Action dated July 25, 2005 in U.S. Application No. 10/851,542 (Attorney Docket No. 09140-0033-00).	
		Office Action issued on October 19, 2005 in U.S. Application No. 10/851,542 (Attorney Docket No. 09140.0033-00).	
		Response to Office Action filed January 19, 2006 in U.S. Application No. 10/851,542 (Attorney Docket No. 09140.0033-00).	
		PCT International Search Report and Written Opinion for Application No. PCT/US2004/014524 dated March 2, 2005 (Attorney Docket No. 09140.0033-00304).	
		PCT International Preliminary Report on Patentability for Application No. PCT/US2004/014524, dated December 8, 2005 (Attorney Docket No. 09140.0033-00304).	
		PCT International Search Report for Application No. PCT/US2004/014523 dated January 17, 2005 (Attorney Docket No. 09140.0034-00304).	
		PCT Written Opinion for Application No. PCT/US2004/014523 dated January 17, 2005 (Attorney Docket No. 09140.0034-00304).	
		PCT International Preliminary Report on Patentability for Application No. PCT/US2004/014523, dated December 8, 2005 (Attorney Docket No. 09140.0034-00304).	
JH		Specification as filed for U.S. Appl. No. 11/297,057 (Attorney Docket No. 09140.0042-00).	

Examiner Signature	/John Hoffmann/ (04/19/2006)	Date Considered	
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO		<div style="text-align: center;">  </div>		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number		09/903,081	
		Filing Date		July 10, 2001	
		First Named Inventor		DEMARAY, Richard E.	
		Art Unit		1731	
		Examiner Name		HOFFMAN, John M.	
Sheet	1	of	2	Attorney Docket Number 9140.0014-00	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials [*]	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JH		JP 07-233469 A	09-05-1995	Asahi Glass Co., Ltd.		Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		DuPont Teijin Films, Mylar 200 SBL 300, Product Information, 4 pages (2000).	
JH		GOOSSENS, A. et al., "Sensitization of TiO ₂ with p-type semiconductor polymers," <i>Chem. Phys. Lett.</i> 287:148 (1998).	
		HAYAKAWA, T. et al., "Enhanced fluorescence from Eu ³⁺ owing to surface plasma oscillation of silver particles in glass," <i>J. Non-Crystalline Solids</i> 259:16-22 (1999).	
		JANSSEN, R. et al. "Photoinduced electron transfer from conjugated polymers onto nanocrystalline TiO ₂ ," <i>Synthet. Metal.</i> , 1 page (1999).	
		JONSSON L.B. et al. "Frequency response in pulsed DC reactive sputtering processes," <i>Thin Solid Films</i> 365:43-48 (2000).	
		KATO, K. and TOHMORI, Y., "PLC Hybrid Integration Technology and Its Application to Photonic Components," <i>IEEE J. Selected Topics in Quantum Electronics</i> 6(1):4-13 (2000).	
		KIM, J-Y. et al. "Frequency-dependent pulsed direct current magnetron sputtering of titanium oxide films," <i>J. Vac. Sci. Technol. A</i> 19(2):429-434 (2001).	
		KIM, D-W. et al. "Mixture Behavior and Microwave Dielectric Properties in the Low-fired TiO ₂ -CuO System," <i>Jpn. J. Appl. Phys.</i> 39:2696-2700 (2000).	

Examiner Signature	/John Hoffmann/ (04/19/2006)	Date Considered	
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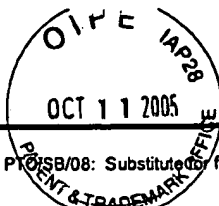
IDS Form PTO/SB/08: Substitute for form 1449A PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/903,081
		Filing Date	July 10, 2001
		First Named Inventor	DEMARAY, Richard E.
		Art Unit	1731
		Examiner Name	HOFFMAN, John M.
		Attorney Docket Number	9140.0014-00
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
JH		LADOUCEUR, F. and LOVE, J.D., in: <u>Silica-based Buried Channel Waveguides and Devices</u> , Chapman & Hall, London, pp. 98-99 (1996).	
		LAMB, W.D., "Designing Nonfoil Containing Skins for VIP Applications," DuPont VLA Symposium Presentation, 35 pages (1999).	
		PADMINI, P. et al., "Realization of High Tunability Barium Strontium Titanate Thin Films by rf Magnetron Sputtering," Appl. Phys. Lett. 75(20):3186-3188 (1999).	
		SUGIYAMA, A. et al., "Gas Permeation Through the Pinholes of Plastic Film Laminated with Aluminium Foil," Vuoto XXVIII(1-2):51-54 (1999).	
		TREICHEL, O. and KIRCHHOFF, V., "The influence of pulsed magnetron sputtering on topography and crystallinity of TiO₂ films on glass," Surface and Coatings Technology 123:268-272 (2000).	
JH		VON ROTTKAY, K. et al., "Influence of stoichiometry on electrochromic cerium-titanium oxide compounds," Presented at the 11th Int'l. Conference of Solid State Ionics, Honolulu, Hawaii, November 19, 1997, Published in <i>Solid State Ionics</i> 113-115:425-430. (1998).	

Examiner Signature	/John Hoffmann/ (04/19/2006)	Date Considered	4-19-06
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IDS Form PTO/SB/08: Substituted for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/903,081
		Filing Date	July 10, 2001
		First Named Inventor	DEMARAY, Richard E.
		Art Unit	1731
		Examiner Name	HOFFMAN, John M.
Sheet 1 of 1	Attorney Docket Number	9140.0014-00	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials ¹	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JH		5,478,456	12-26-1995	Humpal et al.	
JH		6,846,765 B2	01-25-2005	Imamura et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
JH		DOREY, R.A., "Low temperature micromoulding of functional ceramic devices," Grant summary for GR/S84156/01 for the UK Engineering and Physical Sciences Research Council, 2 pages (2004).	
JH		HOWSON, R.P., "The reactive sputtering of oxides and nitrides," <i>Pure & Appl. Chem.</i> 66(6):1311-1318 (1994).	
JH		Office Action issued on August 4, 2005, in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
JH		Office Action issued on August 8, 2005 in U.S. Serial No. 10/101,341 (Attorney Docket No. 09140-0017-00).	

Examiner Signature	/John Hoffmann/ (04/19/2006)	Date Considered	
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